TICKLE, et al.

Appl. No. 10/690,991

Monday, December 19, 2005

AMENDMENTS TO THE SPECIFICATION:

Amend the specification as follows:

Delete the paragraph spanning lines 9-13 of page 10 and insert the following

therefor:

The crystal may be of a 3A4 protein which is desirably truncated in its N-terminal

region to delete the hydrophobic trans-membrane domain, and the region is replaced by

a short (e.g. 8 to 20) amino acid sequence. For expression of the human 3A4 P450, we

have used an N-terminal sequence MAYGTHSHGLFKKLGI (SEQ ID NO:3) in place of

the native N-terminal residues, which increases expression of the proteins in E. coli and

increases solubility.

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